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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/721,146	11/25/2003	John C. Gudenkauf	MSFT-2747/303264.01	6324

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EXAMINER	
DEBROW, JAMES J	
ART UNIT	**PAPER NUMBER**
2176	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/25/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/721,146	GUDENKAUF ET AL.	
	Examiner	Art Unit	
	James J. Debrow	2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *15 February 2007*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-7, 11-22 and 26- 30* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-7, 11-22 and 26- 30* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. This action is in responsive to communications: Amendment filed 15 Feb. 2007.

2. Claims 1-7, ~~9~~ 11-~~21~~ 22, and ~~23~~ 26-~~28~~ 30 are pending in this case. Claims 1, and ~~15~~ 16, are independent claims. DH DH DH

Applicant's Response

3. In Applicant's Response dated ~~17 Aug. 2006~~ 15 Feb. 2007, Applicant argued rejections of previous action. DH

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-7, 11-22 and 26- 30 are rejected under 35 U.S.C. 102(e) as being anticipated by Ferrel et al. (Patent No.: US 6,199,082 B1) (hereinafter 'Ferrel').

In regard to independent Claims 1 and 16, Ferrel disclose *a computing system having an editing process operating thereon, the editing process:*

receiving a selection of a piece of content, the content including at least one item therein, each item specifying a pre-defined portion of the content (col. 18, line 62 - col.

19 line 15; Ferrel discloses a Project Editor, which contains a content browser dialog, that is used to select a desired content object.);

receiving a selection of an edit form separate from the content, the edit form including at least one control therein, each control being available for receiving an item of the content and for specifying attributes relating to displaying the received item in a page that is to be served to a requester thereof (col. 5, lines 2-6; col. 8, lines 15-25; col. 34, lines 33-67; Ferrel discloses within the multimedia publishing system, the content and the design information are stored as separate objects. Ferrel discloses a Page Editor, which is used for creating and editing detailed page layouts. The Page Editor contains tools for laying out controls on a page.);

receiving a selection of a content-control statement separate from the content and the edit form, the content-control statement specifying for each of at least some items of the content a control from the edit form to be employed to display the item in the page and thereby binding the content to the edit form (col. 5, lines 2-6; col. 12, lines 12-16; col. 23, lines 37-67; col. 34, lines 33-67; col. 35, lines 21-53; Ferrel discloses a style sheet editor that is used to create and edit style sheets. It has been established and it known in the art that style sheets typically contain content-control statements.);

performing one of receiving a selection of a layout statement separate from the content, the edit form, and the content-control statement or allowing an editor to create the layout statement separate from the content, the edit form, and the content-control statement, the layout statement specifying each item of the content that is to appear in the page, including a layout order of such specified item within the page and any

attributes to be applied to such item (col. 5, lines 2-6; col. 8, lines 15-25; col. 34, lines 33-67; col. 35, lines 21-53; Ferrel discloses within the multimedia publishing system, the content and the design information are stored as separate objects. Ferrel discloses a Page Editor, which is used for creating and editing detailed page layouts. The Page Editor contains tools for laying out controls on a page. Ferrel further discloses a style sheet editor that is used to create and edit style sheets, thus, creating layout statements.);

facilitating the editor in editing the layout statement to edit how the content is to appear in the page thereof (col. 5, lines 2-6; col. 8, lines 15-25; col. 34, lines 33-67; Ferrel discloses within the multimedia publishing system, the content and the design information are stored as separate objects. Ferrel discloses a Page Editor, which is used for creating and editing detailed page layouts. The Page Editor contains tools for laying out controls on a page.);

facilitating the editor in editing displaying of the content to produce edited content based on the received content, the received edit form, and the received content-control statement and not on the layout statement, the edited content including only those items of the content and only those controls of the edit form as specified by the content-control statement (col. 35, lines 21-53;. Ferrel discloses a style sheet editor that is used to create and edit style sheets.);

outputting the edited layout statement and the edited content, wherein a transforming process is to produce the page based on the edited content, the edited layout statement, and a pre-selected rendering format (col. 8, lines 39-64; col. 10, lines

3-20; col. 35, lines 21-53; Ferrel discloses composing how the multimedia publication system creates a publication by processing the content objects with the page layouts. Ferrel discloses a style sheet editor that is used to create and edit style sheets.);

wherein the editing process outputs the edited content as an intermediate form of the content including the items of the content and the controls of the edit form that are referenced by the content-control (col. 26, lines 14-58; col. 27, lines 37-57; Ferrel discloses saving documents in a format which conforms to the multimedia publishing markup language such as SGML (Standard Generalized Markup Language). Ferrel also discloses a MPML file is a text file that conforms to SGML, which can easily be converted to other formats.);

wherein the editing process receives the content without any indicia that binds such content to any particular edit form (col. 8, lines 15-29; Ferrel discloses the system keep tracks of the links between a piece of content and its associated layout, but does not format the content to a particular layout style. Thus, the content does not contain any indicia that binds such content to any particular edit form.);

wherein the editing process receives the edit form without any indicia that binds such edit form to any particular (col. 8, lines 15-29; Ferrel discloses the system keep tracks of the links between a piece of content and its associated layout, but does not format the content to a particular layout style. Thus, the edit form does not contain any indicia that binds such edit form to any particular content.).

In regard to dependent Claims 2 and 17, Ferrel disclose *the computing system of claim 1 wherein the editing process includes a user interface (UI) setting forth editable attributes of the edit form, a UI setting forth each item of content, a UI setting forth the content-control statement, a UI setting forth the layout statement, and a UI setting forth the page based on the content, the edit form, the content-control statement, and the layout statement* (col. 33, lines 40-57; Ferrel discloses the publisher interacts with objects through a UI (user interface) provided by the project editor.);

In regard to dependent Claims 3 and 18, Ferrel disclose *the computing system of claim 2 wherein the UI for each of the piece of content represents same in a graphical form* (col. 12, lines 17-31; col. 20, lines 34-50).

In regard to dependent Claims 4 and 19, Ferrel disclose *the computing system of claim 1 wherein the editing process receives each of the piece of content, the edit form, the content-control statement, and the layout statement in an computer-based markup language* (col. 26, lines 14-58; col. 27, lines 37-57; Ferrel discloses saving documents in a format which conforms to the multimedia publishing markup language such as SGML (Standard Generalized Markup Language). Ferrel also discloses a MPML file is a text file that conforms to SGML, which can easily be converted to other formats.).

In regard to dependent Claims 5 and 20, Ferrel disclose *the computer system of claim 1 wherein the editing process outputs the edited content in a neutral format not specific to any particular rendering format* (col. 26, lines 14-58; col. 27, lines 37-57; Ferrel discloses saving documents in a format which conforms to the multimedia publishing markup language such as SGML (Standard Generalized Markup Language). It has been established and it well known in the art that SGML is a generic/neutral format that can easily be converted to other formats.).

In regard to dependent Claims 6 and 21, Ferrel disclose *the computing system of claim 1 wherein the editing process outputs the edited content as an intermediate form of the content based on at least the edit form, the content-control statement, and the layout statement* (col. 26, lines 14-58; col. 27, lines 37-57; Ferrel discloses saving documents in a format which conforms to the multimedia publishing markup language such as SGML (Standard Generalized Markup Language). Ferrel also discloses a MPML file is a text file that conforms to SGML, which can easily be converted to other formats.).

In regard to dependent Claims 7 and 22, Ferrel disclose *the computing system of claim 1 wherein the editing process outputs the edited content as an intermediate form of the content without taking into consideration the layout statement* (col. 8, lines 15-29; col. 26, lines 14-58; col. 27, lines 37-57; Ferrel discloses saving documents in a format which conforms to the multimedia publishing markup language such as SGML

(Standard Generalized Markup Language). Ferrel also discloses a MPML file is a text file that conforms to SGML, which can easily be converted to other formatsFerrel discloses the system keep tracks of the links between a piece of content and its associated layout, but does not format the content to a particular layout style. Thus, the edit form does not contain any indicia that binds such edit form to any particular content.).

In regard to dependent Claims 11 and 26, Ferrel disclose *the computing system of claim 1 wherein the editing process receives a selection of an edit form with a control that specifies at least one of a minimum and a maximum number of instances of the control that can appear in a page based on the edit form, and facilitates the editor to select however many instances of the control are desired for the page* (col. 10, lines 12-15; col. 18, line 65 – col. 19, line 2; Ferrel discloses each page has at least one control, where each control delineates an area where some piece of content should be displayed. Thus, specifying at least one of a minimum and a maximum number of instances of the control that can appear in a page.).

In regard to dependent Claims 12 and 27, Ferrel disclose *the computing system of claim 1 wherein the editing process receives a selection of an edit form with a control that specifies a sequence attribute for an instance of the control that appears in a page based on the edit form, and facilitates the editor in editing the layout statement to specify a value for the sequence attribute to define a position of the instance of the*

control within the page in relation to other instances of controls in the page (col. 29, lines 50-55; col. 39, lines 9-32; Ferrel discloses the designer can set properties of the controls to specify the order in which they will appear on the page. Ferrel also discloses each piece of content with a priority to specify the sort order.).

In regard to dependent Claims 13 and 28, Ferrel disclose the computing system of claim 1 wherein the editing process receives a selection of an edit form with a control that specifies a custom attribute for an instance of the control that appears in a page based on the edit form, and facilitates the editor in editing the layout statement to specify a value for the custom attribute (col. 29, lines 50-55; col. 39, lines 9-32; col. 37, lines 8-45;Ferrel discloses the designer can set properties of the controls to specify the order in which they will appear on the page. Ferrel also discloses adding new control and associating the actions with new events, thus a custom attribute.).

In regard to dependent Claims 14 and 29, Ferrel disclose *the computing system of claim 1 wherein the editing process further:*

receives a selection of the edited content (col. 18, line 62 - col. 19 line 15; Ferrel discloses a Project Editor, which contains a content browser dialog, that is used to select a desired content object.);

receives another selection of an edit form (col. 5, lines 2-6; col. 8, lines 15-25; col. 34, lines 33-67; Ferrel discloses within the multimedia publishing system, the content and the design information are stored as separate objects. Ferrel discloses a

Page Editor, which is used for creating and editing detailed page layouts. The Page Editor contains tools for laying out controls on a page.);

receiving another selection of a content-control statement (col. 5, lines 2-6; col. 12, lines 12-16; col. 23, lines 37-67; col. 34, lines 33-67; col. 35, lines 21-53; Ferrel discloses a style sheet editor that is used to create and edit style sheets. It has been established and it known in the art that style sheets typically contain content-control statements.);

performing one of receiving another selection of a layout statement or allowing an editor to create another layout statement (col. 5, lines 2-6; col. 8, lines 15-25; col. 34, lines 33-67; col. 35, lines 21-53; Ferrel discloses within the multimedia publishing system, the content and the design information are stored as separate objects. Ferrel discloses a Page Editor, which is used for creating and editing detailed page layouts. The Page Editor contains tools for laying out controls on a page. Ferrel further discloses a style sheet editor that is used to create and edit style sheets, thus, creating layout statements.);

facilitating the editor in editing the another layout statement (col. 5, lines 2-6; col. 8, lines 15-25; col. 34, lines 33-67; Ferrel discloses within the multimedia publishing system, the content and the design information are stored as separate objects. Ferrel discloses a Page Editor, which is used for creating and editing detailed page layouts. The Page Editor contains tools for laying out controls on a page.);

outputting the edited another layout statement and further edited content (col. 10, lines 3-20; col. 35, lines 21-53; Ferrel discloses composing how the multimedia

publication system creates a publication by processing the content objects with the page layouts. Ferrel discloses a style sheet editor that is used to create and edit style sheets.);

In regard to dependent Claims 15 and 30, Ferrel disclose *the computing system of claim 1 wherein the editing process:*

receives a selection of a plurality of pieces of content, each piece of content including at least one item therein (col. 18, line 62 - col. 19 line 15; Ferrel discloses a Project Editor, which contains a content browser dialog, that is used to select a desired content object.);

receiving a selection of an edit form, the edit form including at least one control therein, each control being available for receiving an item of one of the pieces of content (col. 5, lines 2-6; col. 8, lines 15-25; col. 34, lines 33-67; Ferrel discloses within the multimedia publishing system, the content and the design information are stored as separate objects. Ferrel discloses a Page Editor, which is used for creating and editing detailed page layouts. The Page Editor contains tools for laying out controls on a page.);

receiving a selection of a content-control statement corresponding to each selected piece of content, each content-control statement specifying for each of at least some items of the corresponding piece of content a control from the edit form to be employed to display the item in the page and thereby binding the corresponding piece of content to the edit form (col. 5, lines 2-6; col. 12, lines 12-16; col. 23, lines 37-67; col.

34, lines 33-67; col. 35, lines 21-53; col. 26, lines 14-21; Ferrel discloses a style sheet editor that is used to create and edit style sheets. It has been established and it known in the art that style sheets typically contain content-control statements. Ferrel further discloses the content and design are brought together (binding) by the controls.);

performing one of receiving a selection of a layout statement or allowing an editor to create the layout statement, the layout statement specifying each item of each piece of content that is to appear in the page, including a layout order of such specified item within the page and any attributes to be applied to such item (col. 5, lines 2-6; col. 8, lines 15-25; col. 34, lines 33-67; col. 35, lines 21-53; Ferrel discloses within the multimedia publishing system, the content and the design information are stored as separate objects. Ferrel discloses a Page Editor, which is used for creating and editing detailed page layouts. The Page Editor contains tools for laying out controls on a page. Ferrel further discloses a style sheet editor that is used to create and edit style sheets, thus, creating layout statements.);

facilitating the editor in editing the layout statement to edit how each piece of the content is to appear in the page (col. 5, lines 2-6; col. 8, lines 15-25; col. 34, lines 33-67; Ferrel discloses within the multimedia publishing system, the content and the design information are stored as separate objects. Ferrel discloses a Page Editor, which is used for creating and editing detailed page layouts. The Page Editor contains tools for laying out controls on a page.);

outputting the edited layout statement and a piece of edited content, the edited content being an intermediate form of each piece of content based on at least the edit

form and each corresponding content-control statement. (col. 8, lines 39-64; col. 10, lines 3-20; col. 35, lines 21-53; Ferrel discloses composing how the multimedia publication system creates a publication by processing the content objects with the page layouts. Ferrel discloses a style sheet editor that is used to create and edit style sheets.).

Note

6. It is noted that any citations to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the reference should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. See, MPEP 2123.

Response to Arguments

7. Applicant's arguments, have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Ferrel.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James J. Debrow whose telephone number is 571-272-5768. The examiner can normally be reached on 8:00-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on 571-272-4136. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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